

Please type a plus sign (+) inside this box



UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 42P7311C
		First Inventor Kevin X. Zhang
		Title METHOD AND APPARATUS FOR DETECTING MULTI-HIT ERRORS IN
		Express Mail Label No. EV 336584341 US

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents</i>		ADDRESS TO:
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification <i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) <i>(35 U.S.C. 113)</i> [Total Sheets 3]</p> <p>5. Oath or Declaration (signed) [Total Pages 4]</p> <ol style="list-style-type: none"> <input type="checkbox"/> Newly executed (original or copy) <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ol style="list-style-type: none"> <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>		<p>Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all of the following are necessary)</i></p> <ol style="list-style-type: none"> <input type="checkbox"/> Computer Readable Form (CRF) Specification Sequence Listing on: <ol style="list-style-type: none"> <input type="checkbox"/> CD-ROM or CD-R (2 copies); or <input type="checkbox"/> paper <input type="checkbox"/> Statements verifying identity of above copies <p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment <input checked="" type="checkbox"/> Application Amended to Reflect Claim of Priority</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: <u>Copy of postcard with certificate mailing label showing contents therein.</u></p>

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No: 09/457,932

Prior application Information: Examiner Christopher S. McCarthy Group/Art Unit: 2184

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		08791		or <input type="checkbox"/> Correspondence address below	
Name					
Address					
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Country	Telephone	(408) 720-8300		Fax	(408) 720-8383

Name (Print/Type)	John P. Ward	Registration No. (Attorney/Agent)	40,216
Signature			

03943 U.S. PTO
107639071
08/11/03

<h1>FEE TRANSMITTAL</h1> <h2>for FY 2003</h2> <p><i>Effective 01/01/2003. Patent fees are subject to annual revision.</i></p>		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Application Number</td> </tr> <tr> <td colspan="2">Filing Date</td> </tr> <tr> <td colspan="2">First Named Inventor</td> </tr> <tr> <td colspan="2">Examiner Name</td> </tr> <tr> <td colspan="2">Group/Art Unit</td> </tr> <tr> <td colspan="2">Attorney Docket No.</td> </tr> </table>		Application Number		Filing Date		First Named Inventor		Examiner Name		Group/Art Unit		Attorney Docket No.																																																																																																																									
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ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Large Entity</th> <th style="width: 30%;">Small Entity</th> <th style="width: 40%;">Fee Description</th> <th style="width: 10%; text-align: right;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> <th>(\\$)</th> <th></th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>2051</td> <td>130</td> <td>65 Surcharge - late filing fee or oath</td> </tr> <tr> <td>1052</td> <td>2052</td> <td>50</td> <td>25 Surcharge - late provisional filing fee or cover sheet</td> </tr> <tr> <td>2053</td> <td>2053</td> <td>130</td> <td>130 Non-English specification</td> </tr> <tr> <td>1812</td> <td>1812</td> <td>2,520</td> <td>2,520 For filing a request for ex parte reexamination</td> </tr> <tr> <td>1804</td> <td>1804</td> <td>920 *</td> <td>920 * Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>1805</td> <td>1805</td> <td>1,840 *</td> <td>1,840 * Requesting publication of SIR after Examiner action</td> </tr> <tr> <td>1251</td> <td>2251</td> <td>110</td> <td>55 Extension for reply within first month</td> </tr> <tr> <td>1252</td> <td>2252</td> <td>410</td> <td>205 Extension for reply within second month</td> </tr> <tr> <td>1253</td> <td>2253</td> <td>930</td> <td>465 Extension for reply within third month</td> </tr> <tr> <td>1254</td> <td>2254</td> <td>1,450</td> <td>725 Extension for reply within fourth month</td> </tr> <tr> <td>1255</td> <td>2255</td> <td>1,970</td> <td>985 Extension for reply within fifth month</td> </tr> <tr> <td>1404</td> <td>2401</td> <td>320</td> <td>160 Notice of Appeal</td> </tr> <tr> <td>1402</td> <td>2402</td> <td>320</td> <td>160 Filing a brief in support of an appeal</td> </tr> <tr> <td>1403</td> <td>2403</td> <td>280</td> <td>140 Request for oral hearing</td> </tr> <tr> <td>1451</td> <td>2451</td> <td>1,510</td> <td>1,510 Petition to institute a public use proceeding</td> </tr> <tr> <td>1452</td> <td>2452</td> <td>110</td> <td>55 Petition to revive - unavoidable</td> </tr> <tr> <td>1453</td> <td>2453</td> <td>1,300</td> <td>650 Petition to revive - unintentional</td> </tr> <tr> <td>1501</td> <td>2501</td> <td>1,300</td> <td>650 Utility issue fee (or reissue)</td> </tr> <tr> <td>1502</td> <td>2502</td> <td>470</td> <td>235 Design issue fee</td> </tr> <tr> <td>1503</td> <td>2503</td> <td>630</td> <td>315 Plant issue fee</td> </tr> <tr> <td>1460</td> <td>2460</td> <td>130</td> <td>130 Petitions to the Commissioner</td> </tr> <tr> <td>1807</td> <td>1807</td> <td>50</td> <td>50 Processing fee under 37 CFR 1.17(q)</td> </tr> <tr> <td>1806</td> <td>1806</td> <td>180</td> <td>180 Submission of Information Disclosure Stmt</td> </tr> <tr> <td>8021</td> <td>8021</td> <td>40</td> <td>40 Recording each patent assignment per property (times number of properties)</td> </tr> <tr> <td>1809</td> <td>1809</td> <td>750</td> <td>375 Filing a submission after final rejection (37 CFR § 1.129(a))</td> </tr> <tr> <td>1810</td> <td>2810</td> <td>750</td> <td>375 For each additional invention to be examined (37 CFR § 1.129(b))</td> </tr> <tr> <td>1801</td> <td>2801</td> <td>750</td> <td>375 Request for Continued Examination (RCE)</td> </tr> <tr> <td>1802</td> <td>1802</td> <td>900</td> <td>900 Request for expedited examination of a design application</td> </tr> <tr> <td colspan="4" style="text-align: center; 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Name (Print/Type)	<i>John P. Ward</i>	Registration No. (Attorney/Agent)	40,216																																																																																																																																				
Signature			Date <i>7/29/03</i>																																																																																																																																				

"Express Mail" mailing label number: EV336584341US
Date of Deposit: August 11, 2003

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450
Carla Wigndt

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(Signature of person mailing paper or fee)

(Date signed)

EV336584341US

Application No.: _____ Filing Date: _____ BSTZ Docket #: **042390.P7311C** Atty/Sec: JPW/lxs/cv
Date Mailed: 08/11/2003 Docket Due Date(s): _____ Client: INTEL CORPORATION
Title: METHOD AND APPARATUS FOR DETECTING MULTI-HIT ERRORS IN CACHE

Inventor(s) Zhang

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- Amendment: Preliminary (11 pgs) Information Disclosure Statement & PTO/SB/08 (3 pgs)
 Appeal Brief & two copies (pgs) Issue Fee Transmittal (original & copy)
 Application: Continuation (18 pages w/ cover & abstract) Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)
 Application Amended to Reflect Claim of Priority Notice of Appeal
 Assignment & Cover Sheet (pgs) Petition for: _____
 Certificate of Request for Continued Examination (RCE)
 Continued Prosecution Application (CPA) Reply Brief (pgs)
 Declaration & POA (4 pgs) (signed) Request to Rescind Previous Nonpublication Request
 Drawings: 3 sheets, 3 figures Response to Notice of Missing Parts & Formalities Letter
 Express Mail No: EV 336584341 US Terminal Disclaimer
 Extension of Time: _____ Transmittal of Formal Drawings
 Fee Transmittal (original & copy) Transmittal of Publication Fee Due
 Other Copy of postcard with certificate mailing label showing contents therein (1 page). References not enclosed. Transmittal Letter
 SV Check No. 59206 in the Amount of \$750.00
 Assignee: Intel Corporation Check No. in the Amount of